HISTORIC AMERICAN ENGINEERING RECORD

HAER MISS 75-VICK.V 6A-

INDEX TO PHOTOGRAPHS

VICKSBURG NATIONAL MILITARY PARK, ROADS & BRIDGES,
MELAN ARCH BRIDGES
Vicksburg Vicinity Spanning various tributaries at Confedent for the Confede

William A. Faust II, Photographer, 1997

- MS-14-A-1 FIRST MELAN BRIDGE ON TOUR ROUTE, SIDE VIEW LOOKING NE.
- MS-14-A-2 FIRST MELAN BRIDGE ON TOUR ROUTE, DECK VIEW LOOKING NORTH.
- MS-14-A-3 FIRST MELAN BRIDGE ON TOUR ROUTE, DETAIL VIEW SHOWING DRAINAGE, LOOKING SE.
- MS-14-A-4 SECOND MELAN BRIDGE ON TOUR ROUTE, ELEVATION VIEW LOOKING NORTH.
- MS-14-A-5 SECOND MELAN BRIDGE ON TOUR ROUTE, SIDE VIEW SHOWING CEMENT PAVING BLOCKS USED IN DRAINAGE AREA LOOKING NORTH.
- MS-14-A-6 SECOND MELAN BRIDGE ON TOUR ROUTE, DECK VIEW LOOKING SW.
- MS-14-A-7 SECOND MELAN BRIDGE ON TOUR ROUTE, VIEW UNDER BRIDGE LOOKING SW.
- MS-14-A-8 THIRD MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE JUST BEYOND TOUR STOP 6, ELEVATION VIEW TO THE NORTH.
- MS-14-A-9 THIRD MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE JUST BEYOND TOUR STOP 6, DECK VIEW TO THE WEST.
- MS-14-A-10 THIRD MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE JUST BEYOND TOUR STOP 6, DETAIL FROM SCAFFOLD TO THE NORTH.
- MS-14-A-11 FOURTH MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE NEAR BUST OF GENERAL JOHN THAYER, ELEVATION VIEW TO THE SOUTH.

VICKSBURG NATIONAL MILITARY PARK ROADS AND BRIDGES, MELAN ARCH BRIDGES HAER No. MS-14-A INDEX TO PHOTOGRAPHS (Page 2)

- MS-14-A-12 FOURTH MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE NEAR BUST OF GENERAL JOHN THAYER, DECK VIEW TO THE SE.
- MS-14-A-13 FOURTH MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE NEAR BUST OF GENERAL JOHN THAYER, ELEVATION DETAIL VIEW TO THE NORTH.
- MS-14-A-14 FIFTH MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE NEAR PARK BOUNDARY, ELEVATION VIEW TO THE NORTH, SHOWING CULVERT BEYOND PARK BOUNDARY. (BRIDGE HAS NOW BEEN REPLACED WITH BOX CULVERT.)
- MS-14-A-15 FIFTH MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE NEAR PARK BOUNDARY, DECK VIEW TO THE NORTH. (BRIDGE HAS NOW BEEN REPLACED WITH BOX CULVERT.)
- MS-14-A-16 FIFTH MELAN BRIDGE ON TOUR ROUTE, UNION AVENUE NEAR PARK BOUNDARY, CLOSER VIEW OF SURFACE SHOWING CRACKS, VIEW TO THE SOUTH.
- MS-14-A-17 SIXTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, ELEVATION VIEW TO THE SOUTH.
- MS-14-A-18 SIXTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, DECK VIEW TO THE EAST.
- MS-14-A-19 SEVENTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK NEAR INDIANA ENCAMPMENT, ELEVATION VIEW TO THE EAST.
- MS-14-A-20 SEVENTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK NEAR INDIANA ENCAMPMENT, DECK VIEW TO THE NORTH.
- MS-14-A-21 SEVENTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK NEAR INDIANA ENCAMPMENT, DETAIL OF WALL AND STONEWORK, VIEW TO THE NORTH.
- MS-14-A-22 EIGHTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, ELEVATION VIEW TO THE NW.

VICKSBURG NATIONAL MILITARY PARK ROADS AND BRIDGES, MELAN ARCH BRIDGES HAER No. MS-14-A INDEX TO PHOTOGRAPHS (Page 3)

- MS-14-A-23 EIGHTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, DECK VIEW TO THE NORTH.
- MS-14-A-24 NINTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, ELEVATION VIEW TO THE NORTH.
- MS-14-A-25 NINTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, DECK VIEW TO THE EAST.
- MS-14-A-26 NINTH MELAN BRIDGE ON TOUR ROUTE, IN SOUTHERN AREA OF PARK, LOOKING TO THE SW BACK TO EIGHTH BRIDGE.
- MS-14-A-27 VIEW OF UNDERSIDE OF NINTH BRIDGE, SHOWING CONCRETE MIXTURE, VIEW TO THE NW.
- MS-14-A-28 UNDER NINTH BRIDGE, VIEW OF CONCRETE DAM AND EIGHTH BRIDGE IN BACKGROUND DURING HEAVY RAIN, VIEW TO THE SW.

The following photographs were taken prior to the replacement of Bridge 5600-006P, located at milepost 6.9 on Union Avenue, Vicksburg National Military Park.

- J.R. Kirkalie, Photographer, July 1996
- MS-14-A-29 NORTHEAST APPROACH, FACING NORTHWEST.
- MS-14-A-30 SOUTHWEST APPROACH, FACING SOUTHEAST.
- MS-14-A-31 UPSTREAM SIDE, LOOKING SOUTHWEST.
- MS-14-A-32 DOWNSTREAM SIDE, LOOKING NORTHEAST.
- MS-14-A-33 UPSTREAM SIDE, LOOKING WEST NORTHWEST.
- MS-14-A-34 DOWNSTREAM SIDE, LOOKING NORTH NORTHWEST.
- MS-14-A-35 EAST NORTHEAST CORNER.
- MS-14-A-36 NORTH NORTHWEST CORNER.

VICKSBURG NATIONAL MILITARY PARK ROADS AND BRIDGES, MELAN ARCH BRIDGES HAER No. MS-14-A INDEX TO PHOTOGRAPHS (Page 4)

- MS-14-A-37 UPSTREAM SIDE, LOOKING FROM EAST NORTHEAST CORNER TO NORTH NORTHWEST CORNER.
- MS-14-A-38 SOUTH SOUTHEAST CORNER.
- MS-14-A-39 WEST NORTHWEST CORNER.
- MS-14-A-40 DOWNSTREAM SIDE, LOOKING TOWARD SOUTH SOUTHEAST CORNER.
- MS-14-A-41 UNDERSTRUCTURE, NORTHWEST END OF ARCH.
- MS-14-A-42 UNDERSTRUCTURE, SOUTHEAST END OF ARCH.
- MS-14-A-43 BALUSTRADE AT EAST NORTHEAST CORNER.
- MS-14-A-44 BALUSTRADE AT CENTER SPAN OF DOWNSTREAM SIDE.
- MS-14-A-45 BALUSTRADE, GUARDRAIL, AND SIDEWALK ALONG DOWNSTREAM SIDE, LOOKING NORTHWEST.

INDEX TO HISTORIC PHOTOGRAPHS

The following photographs were obtained from the Vicksburg National Military Park library. These historic photographs, taken in 1903, show the construction processes of the Melan Arch bridges.

- MS-14-A-46 WORKERS PREPARE ABUTMENT FOOTING AREA FOR CONCRETE POUR.
- MS-14-A-47 OUTSIDE FORMS FOR ABUTMENT BEAMS AND LOWER LEVEL OF ARCH ARE IN PLACE.
- MS-14-A-48 READYING ARCH OF BRIDGE 5600-006P FOR CONCRETE POUR.
 RAILROAD IRON FOR ARCH SUPPORT IS SECURED BY BEDDING
 RAILS IN CONCRETE.
- MS-14-A-49 CONSTRUCTION OF FORMS FOR CHEEK WALLS.

VICKSBURG NATIONAL MILITARY PARK ROADS AND BRIDGES,

MELAN ARCH BRIDGES

HAER No. MS-14-A

INDEX TO PHOTOGRAPHS

(Page 5)

- MS-14-A-50 INSIDE FORM FOR CHEEK WALL OF BRIDGE 5600-004P HAS BEEN REMOVED AND FILL DIRT IS BEING GRADED AND PACKED TO FORM DECK.
- MS-14-A-51 VIEW OF OUTER DETAIL OF CHEEK WALLS, BALUSTRADES, AND DECORATIVE GUARDRAILS OF BRIDGE 5600-006P.
- MS-14-A-52 BRIDGE 5600-004P (FOREGROUND) AND 5600-005P (BACKGROUND) ARE COMPLETE SHOWING DECK, BALUSTRADES, AND DECORATIVE GUARDRAIL.